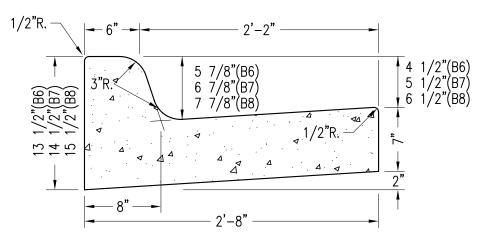
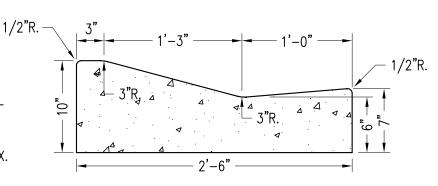


DESIGN "V"(VERTICAL)



DESIGN "B"(BATTERFACE)

- 1. CONCRETE MIX: MANUAL PLACEMENT— MN/DOT SPEC. 3A32, SLIP—FORM PLACEMENT—MN/DOT SPEC. 3A22.
- 2. PROVIDE 1/2" EXP. JT. AT 300' MAX. SPACING AND TO MATCH PAVEMENT EXP. JTS. IN ADDITION TO EXP. JTS. SHOWN ON OTHER DETAIL PLATES.
- 3. PROVIDE CONTRACTION JTS. @ 9' MAX. SPACING, SAW CUT 2" MIN. DEPTH.
- 4. ALL CONC. C. & G. SHALL BE PLACED ON A MIN. OF 4" CLASS II AGGREGATE BASE.
- 5. SILL REQUIRED FOR DESIGN "V" AND "B", WHEREVER SIDEWALK ABUTS CURB. SEE S.D.P. 2-02.

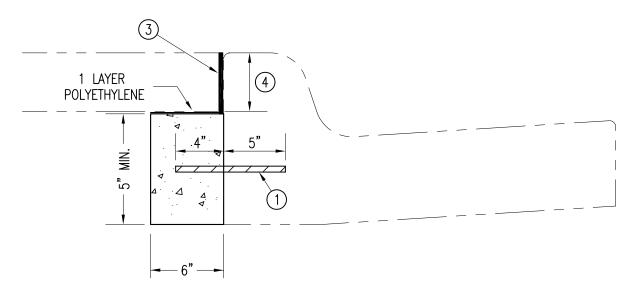


DESIGN "D"(DRIVEOVER)

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CONCRETE CURB & GUTTER

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SHT	1	OF	1	SHTS	DATE 3/2	REVISED 2/06	PLATE NO. 2-01	REV.



MODIFIED B624 CURB & GUTTER

MODIFIED V624 CURB & GUTTER (SIMILAR)

NOTES

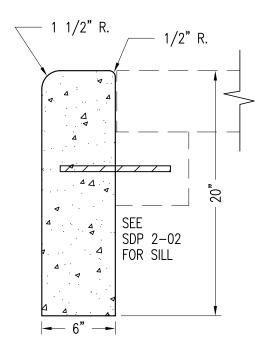
- 1) TIE SILL AT 3'-0" CENTERS WITH 9" x #13 REINFORCING BARS OR POUR INTEGRALLY WITH CURB.
- 2. TO BE USED AT ALL CURB RETURNS AND WHERE SIDEWALK ABUTS CURB & GUTTER.
- 3 1/2" PREFORMED JOINT FILLER PER MN/DOT SPEC. 3702.
- 4 DIMENSION TO BE SAME AS SIDEWALK THICKNESS, 5" MIN.

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CONCRETE SILL

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1 1/2" R. 2 THICKENED EDGE SIDEWALK THICKENED #13 X 12" @ 18" O.C. HEADER SECTION

STRAIGHT CURB U-1A

USE WHERE SIDEWALK EXISTS AND ON CURVES

CURB & SIDEWALK U-2A

NOTES

- 1) INCLUDED IN PAYMENT FOR U-2A CURB PER LIN. FT.
- 2 INCLUDED IN PAYMENT FOR SIDEWALK CONSTRUCTION PER SQ. FT.
- 3. THESE DETAILS SHALL ONLY
 BE USED FOR RESTORATION
 OR PARTIAL RECONSTRUCTION
 WORK. NEW CONSTRUCTION
 SHALL USE C. & G. PER
 S.D.P. 2-01 OR CURB
 INTEGRAL TO CONCRETE
 PAVEMENT.

1 1/2" R. 1 1/2" R.

PAY QUANTITIES URBAN TYPE CURB, GUTTER, & SIDEWALK

U-1A STRAIGHT CURB LIN. FT.

U-1B STRAIGHT CURB LIN. FT.

U-2A HEADER SECTION

LIN. FT. SIDEWALK SECT.

SQ. YD.

STRAIGHT CURB U-1B

USE WHEN THERE IS NO SIDEWALK AND CURB & GUTTER IS NOT DESIRABLE

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URBAN TYPE CURB AND SIDEWALK

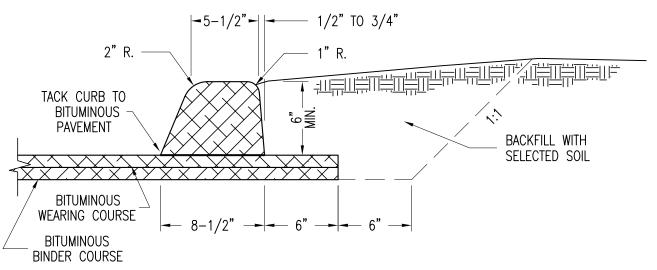
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ER DIRECTOR
DATE REVISED PLATE NO. REV.

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2-03



CROSS SECTION

NOTE

VOLUME OF CURB = 0.288 CU. FT. PER LIN. FT. WEIGHT OF CURB = 21.12 TONS PER 1000 LIN. FT.

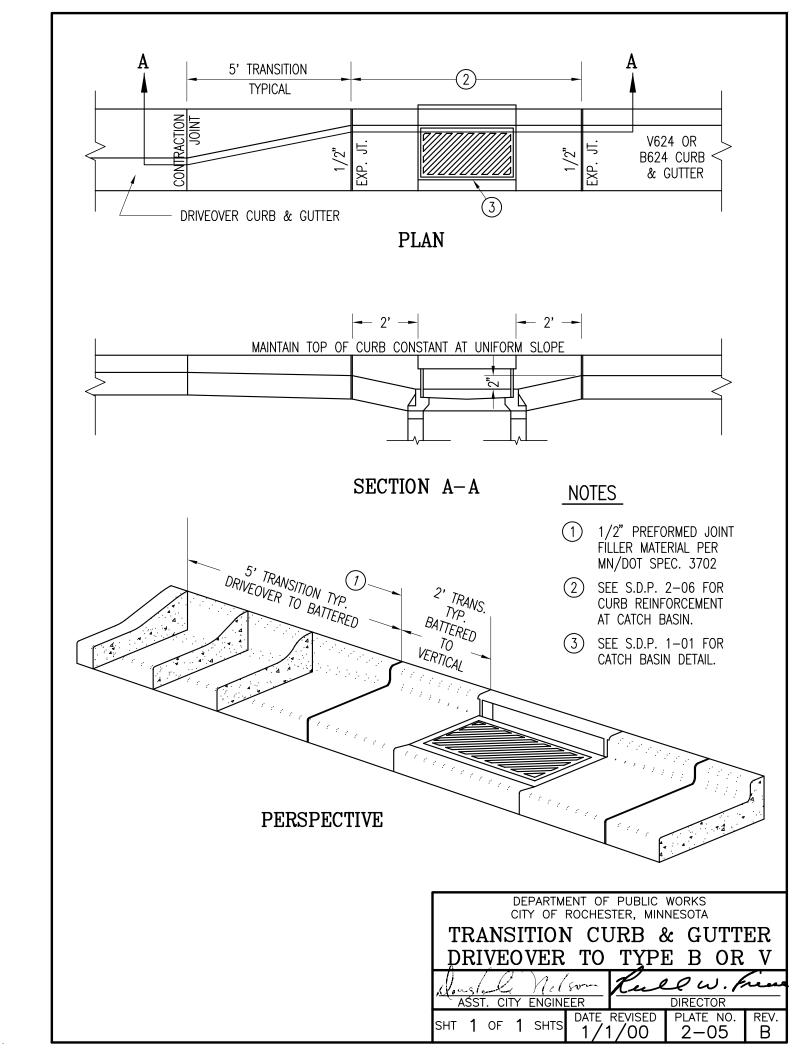
DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

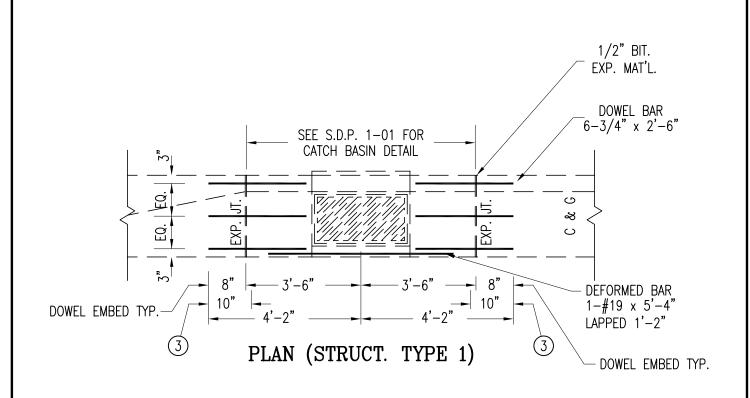
BITUMINOUS CURB

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DIRECTOR

SHT 1 OF 1 SHTS DATE REVISED PLATE NO. REV.
3/22/06 2-04 A





- 1. DOWEL BARS SHALL BE PER MN/DOT SPEC. 3302 (EPOXY COATED).
- 2. DEFORMED BAR SHALL BE PER MN/DOT SPEC. 3301 (EPOXY COATED).
- 3 COAT THE DOWEL BARS WITH A THIN UNIFORM COATING OF AN APPROVED FORM COATING MATERIAL MEETING MN/DOT SPEC. 3902 NOT MORE THAN ONE HOUR BEFORE COVERING WITH CONCRETE, OR WRAP WITH TEFLON TAPE.

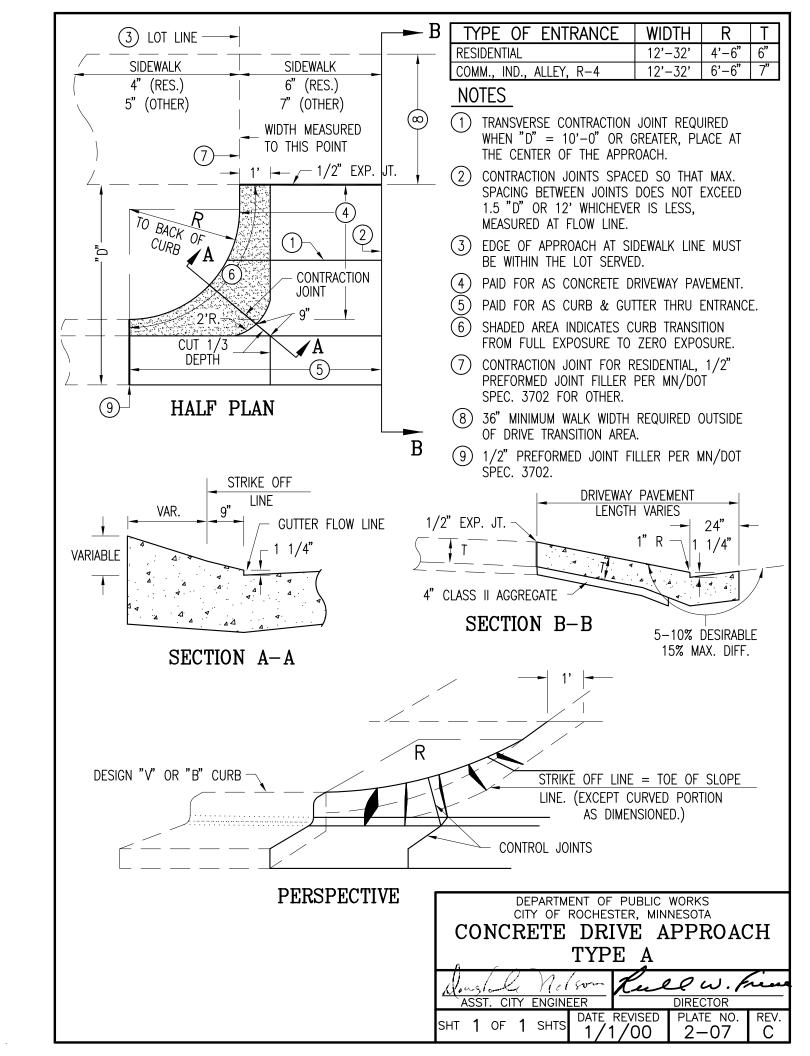
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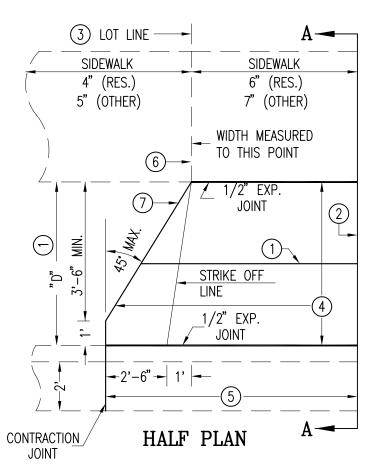
CURB & GUTTER REINFORCEMENT
AT CATCH BASINS

ASST. CITY ENGINEER

DIRECTOR

SHT 1 OF 1 SHTS 3/22/06 2-06 C





TYPE OF ENTRANCE	WIDTH	Τ
RESIDENTIAL, R1, R2	12'-32'	6"
COMM., IND., ALLEY, R-4	12'-32'	7"

T=THICKNESS OF ENTRANCE AND SIDEWALK

NOTES

- 1) TRANSVERSE CONTRACTION JOINT REQUIRED WHEN "D"=10'-0" OR GREATER, PLACED AT THE CENTER OF THE APPROACH.
- 2 CONTRACTION JOINTS SPACED SO THAT MAX. SPACING BETWEEN JOINTS DOES NOT EXCEED 1.5 "D" OR 12' WHICHEVER IS LESS, MEASURED AT THE BACK OF CURB.
- 3 EDGE OF APPROACH AT SIDEWALK LINE MUST BE WITHIN THE LOT SERVED.
- (4) PAID FOR AS CONCRETE DRIVEWAY PAVEMENT.
- (5) NO DEDUCTION TO BE MADE IN CURB & GUTTER FOR ENTRANCE.
- 6 CONTRACTION JOINT FOR RESIDENTIAL, 1/2" PREFORMED JOINT FILLER PER MN/DOT SPEC. 3702 FOR OTHER.
- 7) TAPER WING TO SIDEWALK WHEN "D" IS 15' OR LESS, OTHERWISE TAPER TO 1/2 "D".

TYPE B

DATE REVISED

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SHT **1** OF **1** SHTS

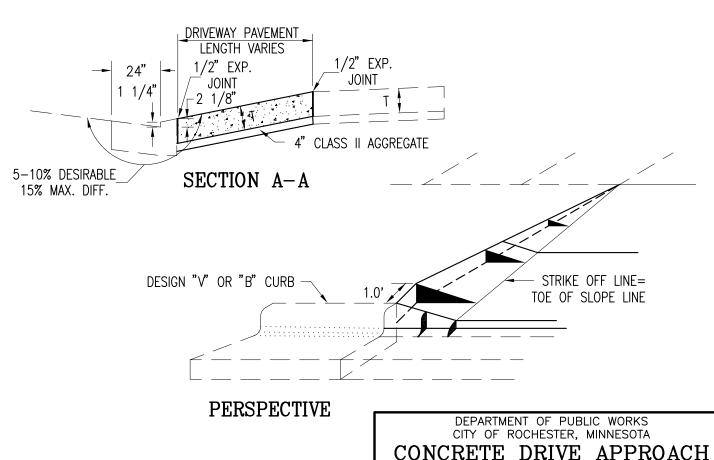
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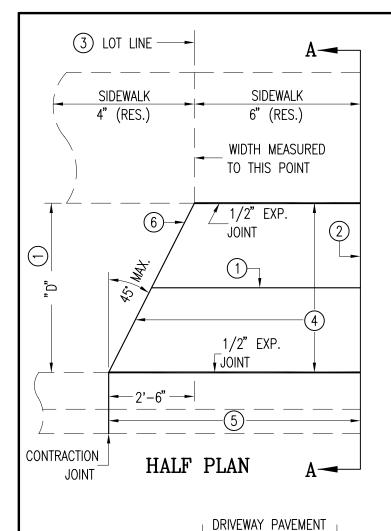
PLATE NO.

2 - 08

REV.

DIRECTOR





TYPE OF	ENTRANCE	WIDTH	T
RESIDENTIAL		12'-32'	6"

T=THICKNESS OF ENTRANCE AND SIDEWALK

NOTES

- 1) TRANSVERSE CONTRACTION JOINT REQUIRED WHEN "D"=10'-0" OR GREATER, PLACED AT THE CENTER OF THE APPROACH.
- 2 CONTRACTION JOINTS SPACED SO THAT MAX. SPACING BETWEEN JOINTS DOES NOT EXCEED 1.5 "D" OR 12' WHICHEVER IS LESS, MEASURED AT THE BACK OF CURB.
- 3 EDGE OF APPROACH AT SIDEWALK LINE MUST BE WITHIN THE LOT SERVED.
- (4) PAID FOR AS CONCRETE DRIVEWAY PAVEMENT.
- (5) NO DEDUCTION TO BE MADE IN CURB & GUTTER FOR ENTRANCE.
- 6 TAPER WING TO SIDEWALK WHEN "D" IS 15' OR LESS, OTHERWISE TAPER TO 1/2 "D".
- 7. EXPANSION MATERIAL TO BE PREFORMED JOINT FILLER PER MN/DOT SPEC. 3702.

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CITY OF ROCHESTER, MINNESOTA
CONCRETE DRIVE APPROACH
TYPE C

DATE REVISED

4/16/01

DIRECTOR

PLATE NO.

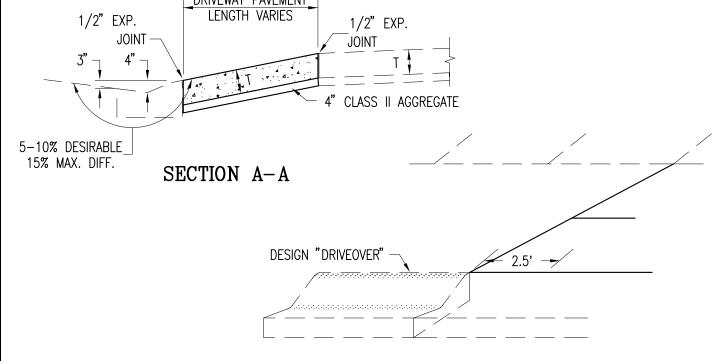
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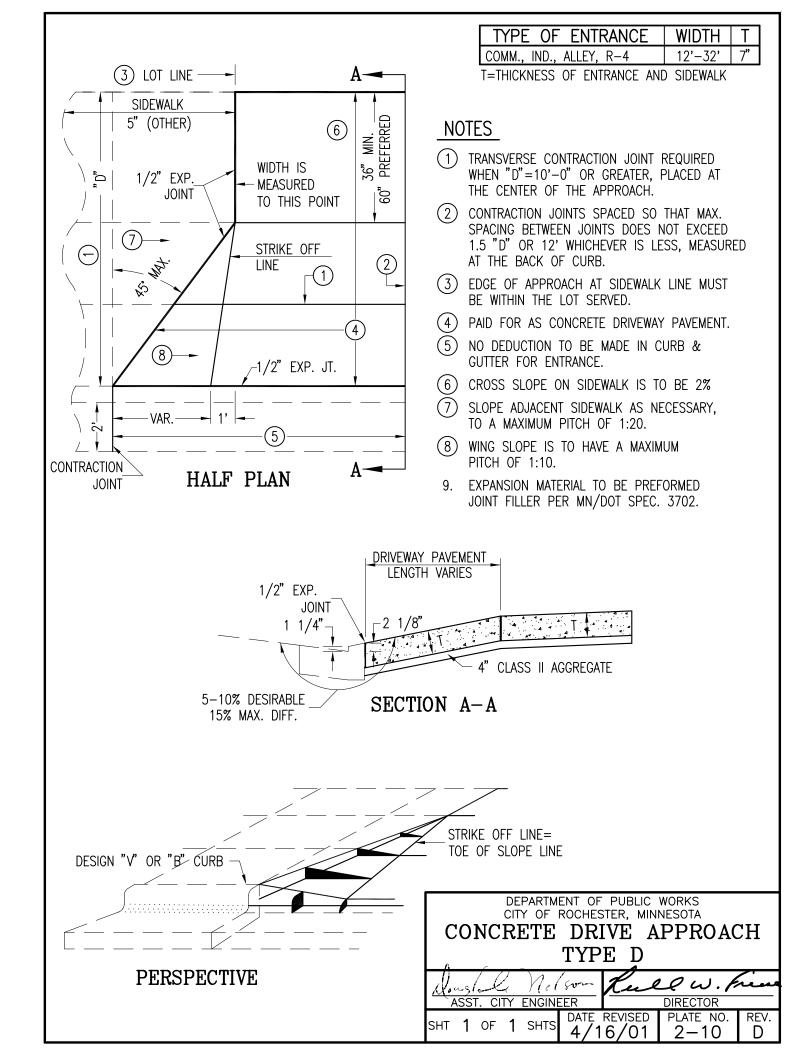
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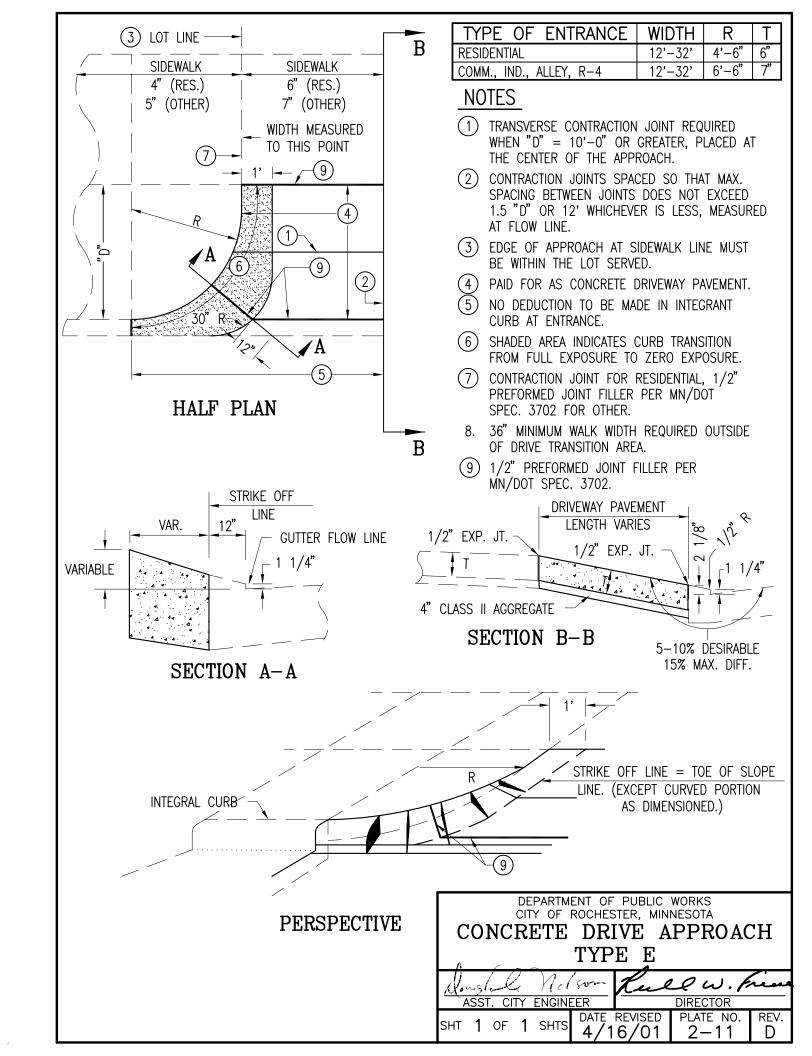
ASST. CITY ENGINEER

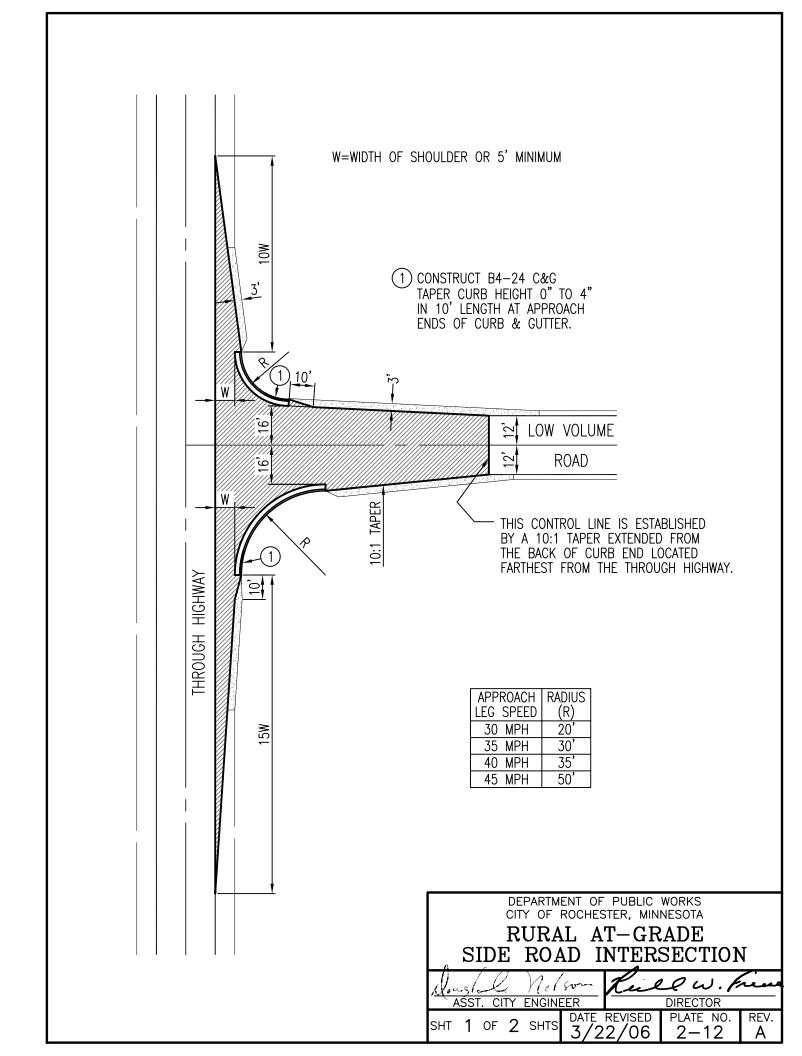
SHT **1** OF **1** SHTS

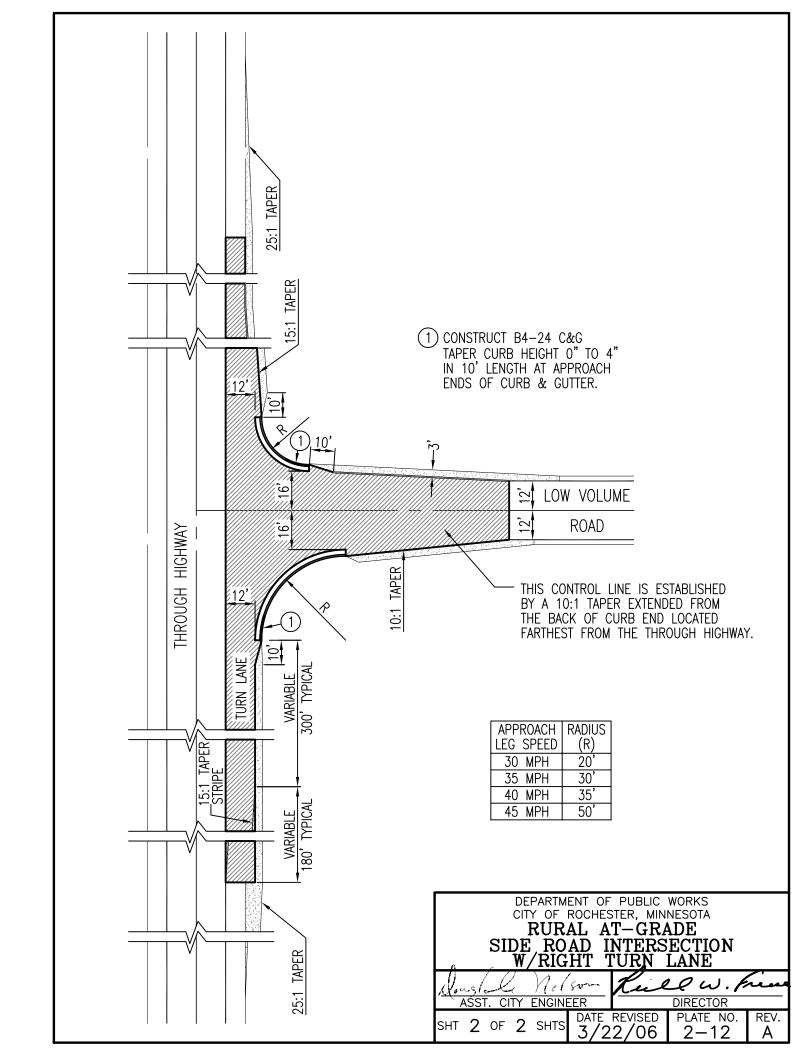


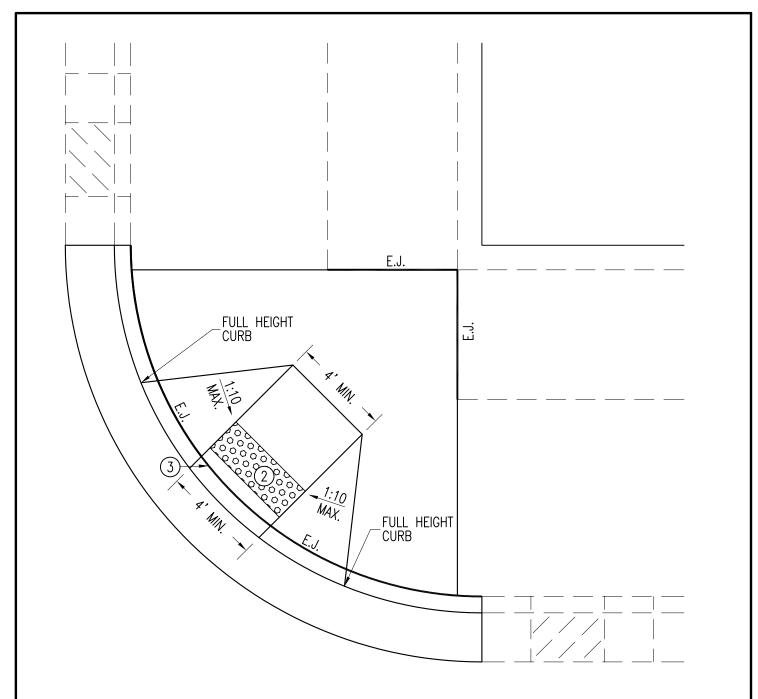
PERSPECTIVE











- 1. SEE MN/DOT PLATE NO. 7036 FOR A.D.A. REQUIREMENTS FOR SIZE, SLOPE, LOCATION AND TRUNCATED DOME AREA GUIDELINES.
- (2) IF RAMP IS PAID BY SQ. FT. THEN TRUNCATED DOME AREA IS PAID IN ADDITION TO RAMP AREA.
- (3) E.J. = 1/2" PREFORMED JOINT FILLER PER MN/DOT SPEC. 3702.
- 4. RAMP THICKNESS IS TO BE MIN. 6" CONCRETE—MN/DOT SPEC. MIX 3A32 WITH A MIN. OF 4" AGGREGATE BASE CLASS 2 (INCIDENTAL).
- 5. PRECAST TRUNCATED DOME MATERIAL SHALL BE APPROVED BY THE ENGINEER.

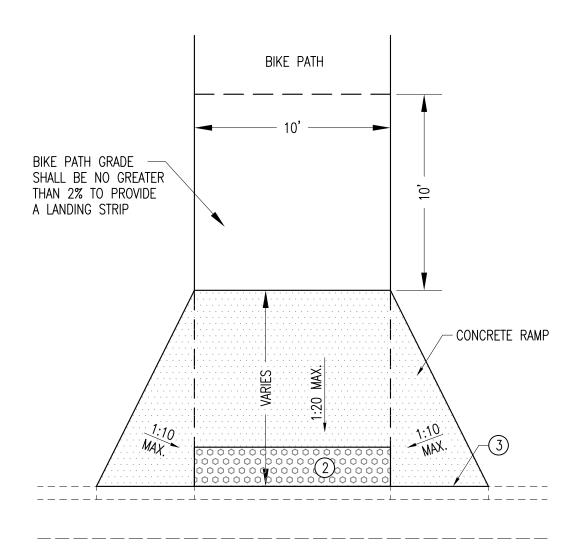
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CITY OF ROCHESTER, MINNESOTA

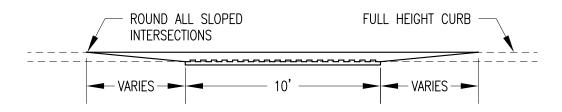
PEDESTRIAN CURB RAMP

ASST. CITY ENGINEER

DIRECTOR

SHT 1 OF 2 SHTS DATE REVISED PLATE NO. REV.
3/22/06 2-13 H





- 1. SEE MN/DOT PLATE NO. 7036 FOR A.D.A. REQUIREMENTS FOR SIZE, SLOPE, LOCATION AND TRUNCATED DOME AREA GUIDELINES.
- (2) IF RAMP IS PAID BY SQ. FT. THEN TRUNCATED DOME AREA IS PAID IN ADDITION TO RAMP AREA.
- (3) E.J. = 1/2" PREFORMED JOINT FILLER PER MN/DOT SPEC. 3702.
- 4. RAMP THICKNESS IS TO BE MIN. 6" CONCRETE—MN/DOT SPEC. MIX 3A32 WITH A MIN. OF 4" AGGREGATE BASE CLASS 2 (INCIDENTAL).
- 5. PRECAST TRUNCATED DOME MATERIAL SHALL BE APPROVED BY THE ENGINEER.

DEPARTMENT OF PUBLIC WORKS
CITY OF ROCHESTER, MINNESOTA

BIKEWAY CURB RAMP

ASST. CITY ENGINEER

DATE REVISED PLATE NO. | REV.

3/22/06

2 - 13

SHT 2 OF 2 SHTS

